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November 5, 2010

You are receiving this notification because our records indicate that you have one or more mines (including borrow pits) with coverage under the NPDES General Permit for Discharges Associated with Nonmetal Mineral Mining Facilities (SCG730000). This is a statewide general permit with approximately 700 mines covered under it. The Department reissued this permit on September 30, 2010. The new permit will become effective on January 1, 2011. We are sending this information to you to help you understand the new requirements of this permit. You must comply with the new permit when it becomes effective, but there is nothing you need to do to directly respond to this notification.

This information is being provided as a courtesy to help you understand the major changes included in the permit. It is not intended to replace the requirements of the permit, nor does it include all of the requirements of the permit.

Where can I get a copy of the new permit?

The new permit is posted on our website at the following address:

<http://www.scdhec.gov/environment/water/docs/scg730000.pdf>

You can print the permit from this website. If you need us to send you a paper copy of the permit, please contact Patty Barnes at (803) 898-4232 or by email at barnespg@dhec.sc.gov.

I am closing my mine. Do I still need to comply with the new permit?

Until you have completed reclamation and your mine operating permit has been canceled, you must comply with the requirements of the NPDES permit. After you have completed reclamation and your mine operating permit has been canceled, the Department will cancel your NPDES permit coverage and you will no longer have to comply with those requirements.

Do I need to send in a new application form to be covered under the new permit?

The application form for coverage under this permit is called a Notice of Intent (NOI) form. If you fall under one of the following categories, you must submit a new NOI to the Department no later than May 2, 2011.

- If you wash or rinse trucks or other mine equipment and discharge the wash waters to waters of the State, you must submit a new NOI.
- If you dredge rivers or streams for sand or gravel using a suction dredge, and you discharge the returned suction dredge water to waters of the State, you must submit a new NOI.
- If the information included on your most current NOI is no longer accurate, you must submit a new NOI. Examples of information that may have changed include contact information, location of discharge, or affected acreage of the mine.

The new NOI form will be available by January 1, 2011. You may download it from the DHEC website at the following address:

<http://www.scdhec.gov/environment/admin/htm/eqcforms.shtml#Water>

If you need us to send you a paper copy of the NOI, please contact Patty Barnes after January 1, 2011, at (803) 898-4232 or by email at barnespg@dhec.sc.gov.

Major Changes in the New Permit

Benchmark Monitoring

If you discharge stormwater, you must comply with the new stormwater monitoring requirements included in Part IV.C starting on page 23 of the permit. This includes quarterly benchmark monitoring in Part IV.C.2.a.

Stormwater samples must be collected within the first 30 minutes of the discharge caused by a rainfall event. If it is not possible to collect the sample within the first 30 minutes, the sample must be collected as soon as practical, and you must document in your Stormwater Pollution Prevention Plan (SWPPP) why it was not possible to collect the sample within the first 30 minutes.

If you do not discharge stormwater, you are not required to conduct stormwater monitoring.

If your site is inactive and unstaffed, you are not required to conduct benchmark monitoring.

Benchmark monitoring involves sampling each of your stormwater discharge locations quarterly and having a laboratory analyze the water for Total Suspended Solids. The laboratory must be certified by DHEC to perform Total Suspended Solids analysis. Enclosed is a list of laboratories certified for Total Suspended Solids analysis. The cost of the analysis will likely be between \$10 and \$30 for each sample. There will be additional charges if you have laboratory personnel come to your site to collect the sample. However, you can obtain sample bottles from the laboratory and collect the samples yourself.

After you have four quarters of benchmark monitoring data, if the average of the 4 quarterly analyses does not exceed 100 milligrams/liter (mg/l) of Total Suspended Solids, you may discontinue quarterly benchmark monitoring for that stormwater discharge location.

If the average of four quarters of data is greater than 100 mg/l, you must evaluate your stormwater controls to determine if improvements are necessary. You must continue quarterly monitoring until your average for four quarters is less than 100 mg/l or you determine that additional improvements to your stormwater controls are not practical. If you determine that additional improvements to your stormwater controls are not practical, you must continue benchmark monitoring on an annual basis.

Benchmark monitoring must begin in the quarter beginning July 1, 2011. Quarters are defined as January 1 – March 31, April 1 – June 30, July 1 – September 30, and October 1 – December 31. You must monitor at least once during each quarter

If you have no stormwater discharge for any particular quarter, you are not required to sample during that quarter, and that quarter is not included in the calculation of the four quarter average.

If you are subject to benchmark monitoring, you should review additional details included in Part IV.C on pages 23 to 27 of the new permit.

Impaired Waters Monitoring

Impaired waters are surface waters such as rivers, streams, and lakes that do not meet state water quality standards. Additional stormwater monitoring requirements may apply if you discharge stormwater to an impaired water. You are not required to begin impaired waters monitoring unless DHEC notifies you that you are subject to impaired waters monitoring.

Mine Equipment Wash Water

If you wash or rinse trucks or other mine equipment and discharge to waters of the State, the discharge will have to meet certain effluent limits, and you will be required to monitor the discharge monthly and report the results to DHEC. The effluent limits are found in Part X.C on page 61 of the permit. If the mine equipment wash water is mixed with other discharges that already have discharge limits, those limits may change. You are not required to make these changes or begin monthly monitoring of mine equipment wash water until DHEC notifies you that you are required to do so. However, as mentioned above, you are required to submit a new NOI to the Department no later than May 2, 2011 if you discharge mine equipment wash water.

Suction Dredge Water

If you dredge rivers or streams for sand or gravel using a suction dredge, and you discharge the returned suction dredge water to waters of the State, that discharge will have to meet certain effluent limits, and you will be required to monitor the discharge monthly and report the results to DHEC. The effluent limits are found in Part X.D on page 62 of the permit. You are not required to begin monthly monitoring of suction dredge water until DHEC notifies you that you are required to do so. However, as mentioned above, you are required to submit a new NOI to DHEC no later than May 2, 2011 if you discharge suction dredge water.

In addition, if you discharge suction dredge water, Part IX.E beginning on page 57 of the permit requires you to install and maintain best management practices to minimize pollutants in the discharge. Sediment basins must be properly maintained which includes removing sediment from the basin when it reaches no more than 50% of the storage volume of the basin.

pH Monitoring Variance

If you are required to monitor your discharge monthly for pH, and the pH of the receiving stream is less than 6.0 for fresh waters or 6.5 for salt waters, you may qualify for a lower minimum pH discharge limit. See Part X.E. on page 63 of the permit for details.

Inspection Requirements

The new permit contains more detailed inspection requirements. You must conduct routine facility inspections at least quarterly (Part VIII.E.1 at page 45 of the permit) and annual comprehensive site inspections (Part VIII.E.3 at page 49 of the permit). See the applicable sections of the permit for more details.

In addition, you must conduct quarterly visual assessments (VIII.E.2 at page 46 of the permit) of your stormwater discharges.

Exceptions for Inactive and Unstaffed Sites

If your site is inactive and unstaffed you are not required to conduct benchmark monitoring, quarterly visual assessments, or quarterly routine facility inspections. The exceptions for inactive and unstaffed sites do not require approval by the Department. To qualify for the exceptions, you must maintain a statement with the Stormwater Pollution Prevention Plan stating that the site is inactive and unstaffed and certify that statement in accordance with the requirements specified in Part V.I on page 32 of the permit.

Certified Operator and Operations and Maintenance Manual

The previous permit required an operations and maintenance manual and inspections by a certified operator if a treatment system was used. Those requirements have been removed.

Control Measures and Best Management Practices

The new permit includes requirements for control measures and best management practices for stormwater management in Part IX beginning on page 51 of the permit.

Corrective Actions

The new permit includes actions that you must take to correct certain problems if they occur. These corrective actions are included in Part XI beginning on page 64 of the permit.

Stormwater Pollution Prevention Plan (SWPPP)

The requirements for the SWPPP have changed. See Part VIII.C beginning on page 38 of the new permit. You must review and update your SWPPP not later than May 2, 2011 to cover the requirements of the new permit. The most significant changes involve the Schedules and Procedures of Part VIII.C.5.e beginning on page 42 and the Additional Documentation Requirements of Part VIII.C.7 beginning on page 44.

Construction, clearing, grading, and excavation

The new permit covers stormwater discharges from clearing, grading, and excavation activities during the construction and exploration phases of the mine.

Additional Information

If you have questions about the requirements of this permit, please contact Randy Thompson at (803) 898-4314 or thompsgr@dhec.sc.gov.

Certified Laboratories
COMMERCIAL Laboratories
CLEAN WATER ACT
RESIDUE, NONFILTERABLE (TSS)

Lab ID	Lab Name / Address	Director Name / Phone No.
96038	ACCUTEST LABORATORIES SE 4405 VINELAND RD STE C15 ORLANDO FL 32811	BEHZADI, HARRY 407-425-6700
98009	ADVANCED CHEMISTRY LABS INC PO BOX 88610 ATLANTA GA 30356	ANDROS, JOHN 770-409-1444
98016	AES INC 3785 PRESIDENTIAL PKWY ATLANTA GA 30340	TILL, DANA B 770-457-8177
98011	ANALYTICAL SERVICES INC 110 TECHNOLOGY PKWY NORCROSS GA 30092	JONES, GREG 770-734-4200
10581	AQUATOX LABORATORY 740 N GUM ST SUMMERVILLE SC 29483-5163	ROPER, DANNI S 843-873-8073
98023	AVERY LABORATORIES & ENVIRONMENTAL SERVICES 101B ESTUS RD SAVANNAH GA 31404	GRIMM, ROBERT P 912-944-3748
16002	BLACKMAN LABORATORY HARTSVILLE 953 N ROLLING RD HARTSVILLE SC 29550	BRAND, SHELLY 843-332-2973
89023	BRANDYWINE SCIENCE CENTER INC 204 LINE RD KENNETT SQUARE PA 19348	CLEMENS, HENRY D 610-444-9850
26001	COASTAL CAROLINA UNIVERSITY PO BOX 261954 CONWAY SC 29528-6054	TRAPP, JOHN M 843-349-2237
96021	COLUMBIA ANALYTICAL JACKSONVILLE 9143 PHILIPS HWY STE 200 JACKSONVILLE FL 32256	RACHMANINOFF, ANDRE J 904-739-2277
61002	COLUMBIA ANALYTICAL KELSO 1317 S 13TH AVE KELSO WA 98626	GRINDSTAFF, JEFF A 360-577-7222
23101	COMMONWEALTH LABORATORIES OF SC INC PO BOX 16387 GREENVILLE SC 29606-6387	SOMMERS, CHERYL 864-271-3256
99055	COMPUCHEM 501 MADISON AVE CARY NC 27513	MEAD, REBECCA K 919-379-4004
23108	DATA RESOURCES GREENVILLE 2320 E NORTH ST STE D GREENVILLE SC 29607	MUELLER, GREGG 864-232-8761
21117	DAVIS & BROWN PO BOX 15038 QUINBY SC 29506	WARD, WILLIAM V 843-665-6746

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24110	DAVIS & FLOYD INC PO BOX 428 GREENWOOD SC 29648-0428	POWELL, R L 864-229-4413
99005	DUKE ENERGY CORPORATION 13339 HAGERS FERRY RD HUNTERSVILLE NC 28078	GREENE, DAVID 980-875-5186
10016	EARTH SCIENCES INC PO BOX 71042 CHARLESTON SC 29415	DOUGLAS, HILLERY P 843-554-1792
96009	ENCO JACKSONVILLE 4810 EXECUTIVE PK ST 211 JACKSONVILLE FL 32216-6069	MARTIN, SCOTT 904-296-3007
96002	ENCO ORLANDO 10775 CENTRAL PORT DR ORLANDO FL 32824	FOTI, MATTHEW 407-826-5314
84004	ENVIRONMENTAL SCIENCE CORP 12065 LEBANON RD MT. JULIET TN 37122-2508	MORGAN, JUDITH R 615-758-5858
26101	ENVIRONMENTAL SYSTEMS TESTING SERVICE PO BOX 1615 CONWAY SC 29528	WEBSTER, KELLAH F 843-347-7688
23104	ETT ENVIRONMENTAL INC PO BOX 16414 GREENVILLE SC 29606-7414	ROSTAMPOUR, FARHAD 864-877-6942
10120	GEL ENGINEERING LLC PO BOX 30712 CHARLESTON SC 29417	BOCKLET, CAREY J 843-556-8171
96031	GENAPURE ANALYTICAL SERVICES INC 3231 N W 7TH AVE BOCA RATON FL 33431	GOSIS, GREGORY 561-447-7373
27553	GENERAL ENVIRONMENTAL LAB PO BOX 21866 HILTON HEAD SC 29925	PATEL, SHEILA 843-987-1438
89022	GEOCHEMICAL TESTING 2005 N CENTER AVE SOMERSET PA 15501	BERGSTRESSER, TIMOTHY W 814-443-1671
04108	GOLDIE & ASSOCIATES INC 210 W NORTH 2ND ST SENECA SC 29678-3235	DAY, BEN S 864-882-8194
29101	J G ENVIRONMENTAL CONTROL SERVICES 7776 FLAT ROCK RD KERSHAW SC 29067	GARDNER, RICK 803-475-6570
99051	K&W LABORATORIES LLC 1121 HWY 24/27 W MIDLAND NC MIDLAND NC 28107	KRASKA, GOSIA 704-888-1211
57001	KATAHDIN ANALYTICAL SERVICES PO BOX 540 SCARBOROUGH ME 04070-0540	NADEAU, DEBORAH 207-874-2400

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24001	L&L ENVIRONMENTAL WARE SHOALS PO BOX 359 WARE SHOALS SC 29692	PULLEY, BRIAN J 864-456-2696
89002	LANCASTER LABORATORIES INC PO BOX 12425 LANCASTER PA 17605-2425	OOSTDYK, TIMOTHY S 717-656-2300
92018	MICROBAC LABORATORIES INC 158 STARLITE DR MARIETTA OH 45750	VANDENBERG, DAVID E 740-373-4071
02002	MICROBAC LABORATORIES SC DIV 603 S MAIN ST NEW ELLENTON SC 29809	WHEELER, JONATHAN D 803-652-3324
32571	ON LINE ENVIRONMENTAL LEXINGTON 200 RICH LEX DR LEXINGTON SC 29072	BOYD, BRYANT 803-939-4983
99030	PACE ANALYTICAL ASHEVILLE 2225 RIVERSIDE DR ASHEVILLE NC 28804-9623	JOHNSON, C B 828-254-7176
83006	PACE ANALYTICAL GREEN BAY 1241 BELLEVUE ST GREEN BAY WI 54302	MELBERG, NILS K 920-469-2436
99012	PRISM LABORATORIES INC PO BOX 240543 CHARLOTTE NC 28224-0543	JANSSEN, HELMUTH M 704-529-6364
99001	RESEARCH & ANALYTICAL LABS INC PO BOX 473 KERNERSVILLE NC 27284-0473	CHAMPION, SIDNEY L 336-996-2841
23105	ROGERS & CALLCOTT ENGINEERS INC PO BOX 5655 GREENVILLE SC 29606	AVERY, SAM 864-232-1556
32010	SHEALY ENVIRONMENTAL SERVICES INC 106 VANTAGE POINT DR WEST COLUMBIA SC 29172	WOODRUM, MICHAEL 803-791-9700
77001	TESTAMERICA CHICAGO 2417 BOND ST UNIVERSITY PARK IL 60466-3182	HEALY, MICHAEL J 708-534-5200
72002	TESTAMERICA DENVER 4955 YARROW ST ARVADA CO 80002	HANISCH, ROBERT C 303-736-0183
96026	TESTAMERICA LABORATORIES INC 3355 MCLEMORE DR PENSACOLA FL 32514	REMBERT, SUSAN S 850-474-1001
84009	TESTAMERICA LABORATORIES INC NASHVILLE 2960 FOSTER CREIGHTON DR NASHVILLE TN 37204	MITCHELL, JOHNNY A 615-726-0177
89014	TESTAMERICA PITTSBURGH 301 ALPHA DR RIDC PARK PITTSBURGH PA 15238	MATKO, LARRY 412-963-7058

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98001	TESTAMERICA SAVANNAH 5102 LAROCHE AVE SAVANNAH GA 31404	GULIZIA, BENJAMIN 912-354-7858
85002	TESTAMERICA ST LOUIS 13715 RIDER TRL N EARTH CITY MO 63045	WILD, ELAINE 314-298-8566
39107	TEXIDYNE INC PO BOX 1646 CLEMSON SC 29633	GOODMAN, GRANT 864-639-6207
10122	TRIDENT LABS SERVICES INC 9104 CANVAS LN LADSON SC 29456	LEWIS, MELINDA 843-871-4999
98015	XENCO LABORATORIES 6017 FINANCIAL DR NORCROSS GA 30071	WELCH, TIMOTHY 770-449-8800

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